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AMSAT NEWS SERVICE
ANS-079

The AMSAT News Service bulletins are a free, weekly news and information service of AMSAT, the Radio Amateur Satellite Corporation. ANS publishes news related to Amateur Radio in Space including reports on the activities of a worldwide group of Amateur Radio operators who share an active interest in designing, building, launching and communicating through analog and digital Amateur Radio satellites.

The news feed on http://www.amsat.org publishes news of Amateur Radio in Space as soon as our volunteers can post it.

Please send any amateur satellite news or reports to: ans-editor(a)amsat.org

You can sign up for free e-mail delivery of the AMSAT News Service Bulletins via the ANS List; to join this list see: https://mailman.amsat.org/postorius/lists/ans.amsat.org/

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ANS-079 AMSAT News Service Weekly Bulletins

To: All RADIO AMATEURS
From: Radio Amateur Satellite Corporation
712 H Street NE, Suite 1653
Washington, DC 20002

DATE 2022 Mar 20

AMSAT at Dayton Hamvention - Call for Volunteers

Phil Smith, W1EME, AMSAT Hamvention Team Leader, reports, "In 2019, we had about 40 people assist with the AMSAT booth at the Hamvention. It was the efforts of those volunteers that made the 2019 Dayton Hamvention a success for AMSAT. The interaction with AMSAT members, satellite operators, designers, and builders makes the whole experience a lot of fun.

"The 2022 Hamvention is May 20-22 at the Greene County Fairgrounds in Xenia, Ohio. Would you consider helping AMSAT at the Hamvention this year? Whether you're available for only a couple of hours or if you can spend the entire weekend with us, your help would be greatly appreciated. Please send an e-mail to me at w1eme (at) amsat (dot) org if you can help."

[ANS thanks Phil Smith, W1EME, AMSAT Hamvention Team Leader for the above information.]

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https://www.amsat.org/join-the-amsat-presidents-club/
You won't want to miss it!
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made to the background including a description of the work carried out by the amateur community in CEPT and ITU-R with respect to resolves 1 of the WRC-19 Resolution 774. Further updates were introduced to describe the study work taking place in ITU-R (WP's 4C and 5A).

The draft CEPT Brief will undergo further development as technical studies evolve in the wider regulatory community including both CEPT and ITU-R. The next activity concerning this topic will take place in the CEPT arena (SE40) to progress the technical studies and the draft ECC Report. More information is available at https://iaru-r1.org/.

[ANS thanks AMSAT-UK for the above information.]

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[ANS thanks Paul Overn, KE0PBR, AMSAT rover page manager, for the above information]

Hamfests, Conventions, Maker Faires, and Other Events

+ April 16 - Raleigh NC Hamfest
N4HF will attend with information table and demonstrations.
Jim Graham Building – NC State Fairgrounds
4285 Trinity Rd, Raleigh, NC 27607
https://www.rarsfest.org/

+ April 23 - Brainerd Area Hamfest
Brainerd National Guard Armory
https://brainerdham.org/

+ October 7-8 - 2022 Rocky Mountain ARRL Division Convention
Event Center at Archer
3921 Archer Pkwy
Cheyenne, Wyoming 82007
https://wyhamcon.org/site

[ANS thanks Paul Overn, KE0PBR, AMSAT Events page manager, for the above information.]

Satellite Shorts From All Over

+ Two upgraded Astro Pi units have arrived on the International Space Station. Each unit contains the latest model of the Raspberry Pi computer, plus a Raspberry Pi High Quality Camera and a host of sensors on a custom Sense HAT, all housed inside a special flight case designed to keep everything cool and protected. You can read the story of how the Astro Pi units were built at https://tinyurl.com/ANS-079-raspberry-pi.
[ANS thanks Raspberry-Pi.org for the above information.]

+ NASA rolled the Space Launch System, a heavy-duty rocket designed to send astronauts to the moon, out of the iconic Vehicle Assembly Building at the Kennedy Space Center on Thursday evening. A crawler-transporter originally built more than 50 years ago for the Apollo program hauled the towering rocket to its launch pad for a countdown dress rehearsal. The dress rehearsal in early April, when the launch team will load super-cold liquid hydrogen and liquid oxygen propellants into the rocket's Boeing-built core stage and upper stage, made by United Launch Alliance. Read more about the preparations for the Artemis-I mission at https://tinyurl.com/ANS-079-artemis.
[ANS thanks Spaceflightnow.com for the above information.]

+ Oregon's first satellite, also known as OreSat0, was launched into low Earth orbit on March 15 aboard Astra's "LV0009" rocket from Kodiak, Alaska. OreSat0 was designed and built by the Portland State Aerospace Society (PSAS), an interdisciplinary student group at Portland State University. It's the first in a series of three satellites. It carries an Amateur Radio communications system. PSAS already has close to 200 data packets from the satellite as it circles the Earth and is working better than anticipated. Experiments will begin shortly allowing PSAS to test their sensors and systems over the next few years until OreSat0 makes its journey home. In the meantime, PSAS is already building its next satellite, OreSat0.5, which is equipped with a better camera to guide its journey later this summer. More information at https://www.pdx.edu/news/oregons-first-satellite-launched-orbit.
[ANS thanks Portland State University for the above information.]

Join AMSAT today at https://launch.amsat.org/

In addition to regular membership, AMSAT offers membership to:

* Societies (a recognized group, club or organization).
* Primary and secondary school students are eligible for membership at one-half the standard yearly rate.

* Post-secondary school students enrolled in at least half time status shall be eligible for the student rate for a maximum of 6 post-secondary years in this status.
* Memberships are available for annual and lifetime terms.

Contact info [at] amsat.org for additional membership information.

73 and remember to help Keep Amateur Radio in Space!

This week's ANS Editor, Frank Karnauskas, N1UW
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